CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/W.No.08/MM/CUBE/2014-15 22.08.2014

TEST REPORT ON CONCRETE CUBES

Client : **Asst. Executive** Engineer, Kodigehalli Sub Division, BBMP, Bangalore.

Agency : **Mr. Murali Mohan,** Contractor, Bangalore.

Name of the work : Improvements to Roads and Drains at Kodigehalli Old Village area in Ward No.08, Kodigehalli, BBMP, Bangalore.

Reference : AEE/KO/(WO)/35/2014-15 Dated: 18.07.2014

Sample ID : Pavement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28^{th} day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.07.2014	22.08.2014	8.135	478.6	21.27
2	25.07.2014	22.08.2014	8.285	510.6	22.69
3	25.07.2014	22.08.2014	8.345	528.6	23.49

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

Civil-Tech Consultants & Engineers Bangalore

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Job No.: CTCE/BBMP/W.No.08/MM/STEEL/2014-15 19.07.2014

TEST REPORT ON REINFORCEMENT STEEL

Client	:	**Asst. Executive Engineer,** Kodigehalli Sub Division, BBMP, Bangalore.
Agency	:	**Mr. Murali Mohan,** Contractor, Bangalore.
Name of the work	:	Improvements to Roads and Drains at Kodigehalli Old Village area in Ward No.08, Kodigehalli, BBMP, Bangalore.
Reference	:	AEE/KO/(WO)/35/2014-15 Dated: 18.07.2014
Date of Test	:	19.07.2014
Technical Reference	:	IS: 1786-2008

Sl. No	Nominal size (dia) (mm)	Mass per metre (Kg/mtr)	TENSILE STRENGTH			Bend Test	Rebend Test
			0.20% proof stress/Yield stress N/mm²	Tensile strength (Ultimate stress) N/mm²	Elongation percent gauge length		
1	10	0.62	514	557	13.50	O.K	O.K

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

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